

ENHANCED GROWTH OF LACTIC ACID BACTERIA IN MILK

ABSTRACT

A growth medium adapted for the growth of a variety of different lactobacilli is described. The medium is based on milk which is supplemented by at least four amino acids, at least two ribonucleosides or other ribonucleotide precursors, and iron. A variety of different *Lactobacilli*, particularly *Lactobacilli* belonging to Johnson's group A and B groups, are able to reproduce at rates approximately the same as milk supplemented with yeast extract. This medium when used in the production of dairy products that contain *Lactobacilli* does not contain the off-flavor of a fermented medium that had been supplemented with yeast extract.